

4) Fill exposed nail and screw holes, with filler mixed with stain to match dry stained project, or colored putty and sand entire project. Apply final finish using manufacturer's instructions. You may wish to paint the inside faces of pieces A and B white in order to reflect more light.

5) Locate where sunshine ceiling is to hang, marking corner locations of sunshine ceiling on existing ceiling. Locate rafters in ceiling. Position sunshine ceiling so pieces G run perpendicular to rafters (Fig 10). Mount ceiling assembly to rafters by screwing through pieces G into rafters using sixteen 3" #8 flothead screws, four in each piece G. Be careful to avoid screwing into concealed electrical wire which might be in existing ceiling. Install eye screws in pieces G directly above the eye-hooks previously installed in pieces E2. Connect the eye screws with light wire to increase the support of the ceiling.

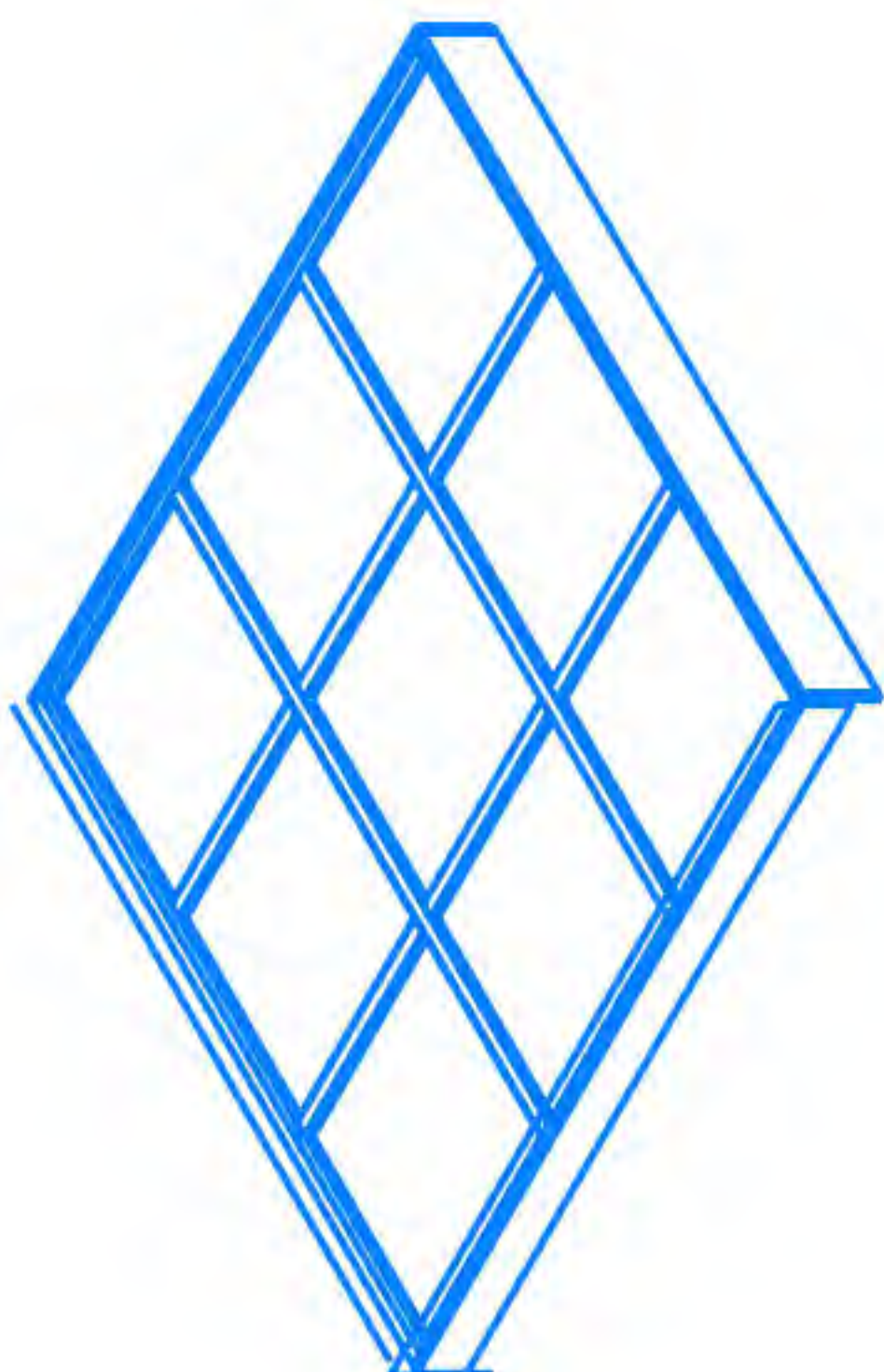
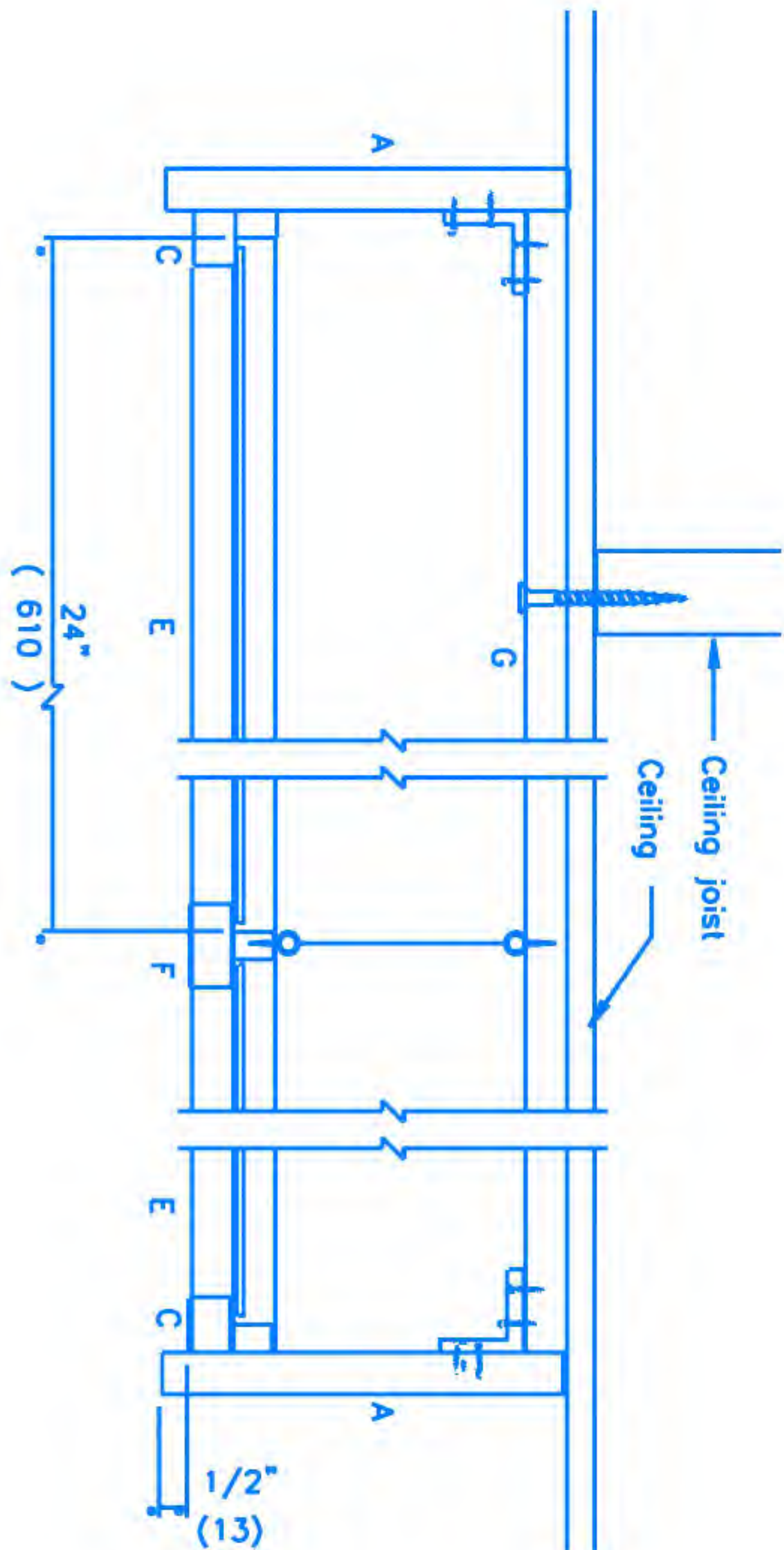
6) Have a licensed electrician mount the fluorescent fixtures (pieces J) between pieces G.

7) Starting at one corner insert an acrylic piece H into the grid and slide on F assembly under it to hold it in place. Ensure that the acrylic fits onto the lip of the assemblies. Continue placing acrylics and F pieces until you have one acrylic piece left. Insert the final piece at an angle and lower it into place. Reverse this procedure to change fluorescent tubes.

On materials:

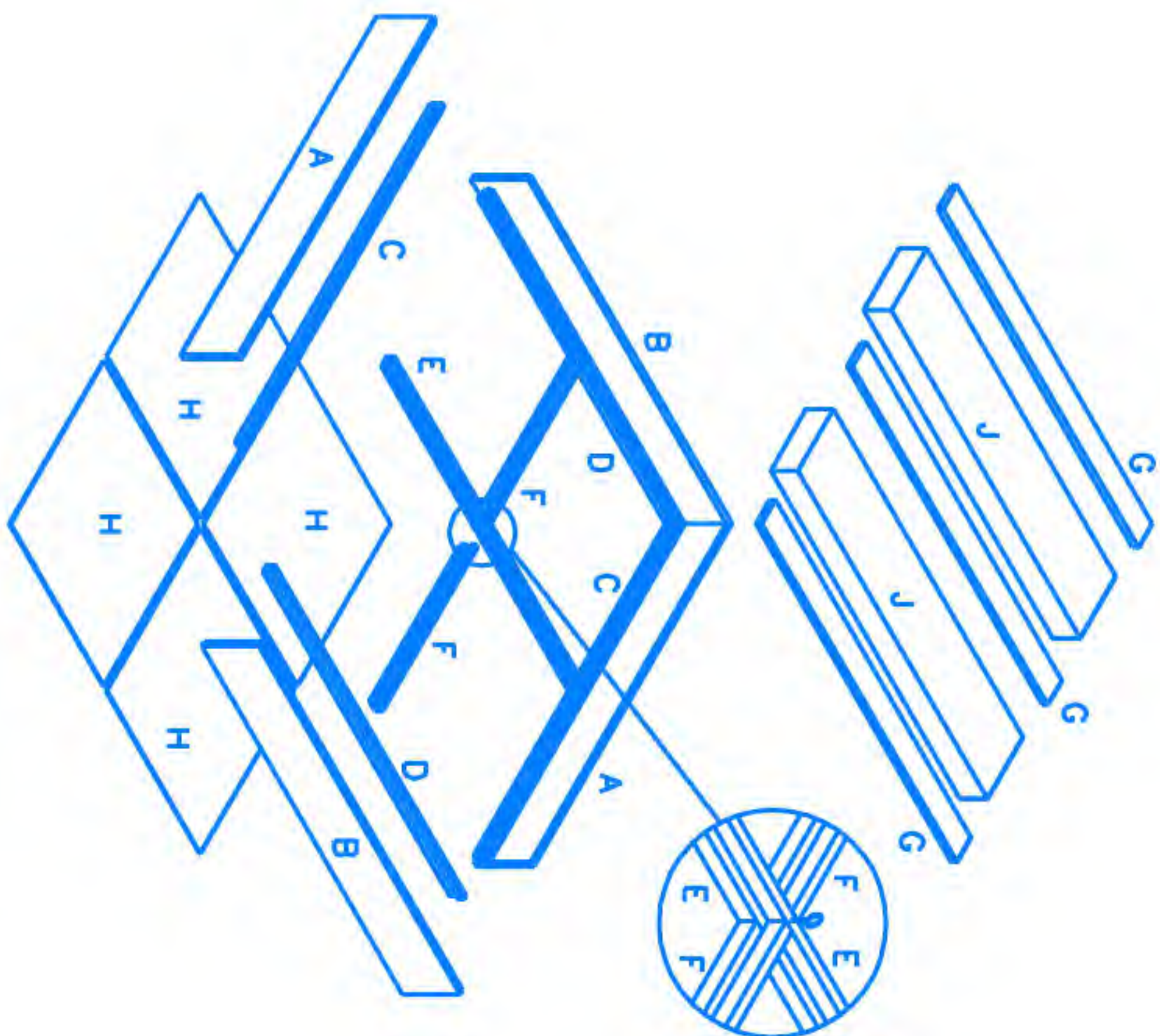
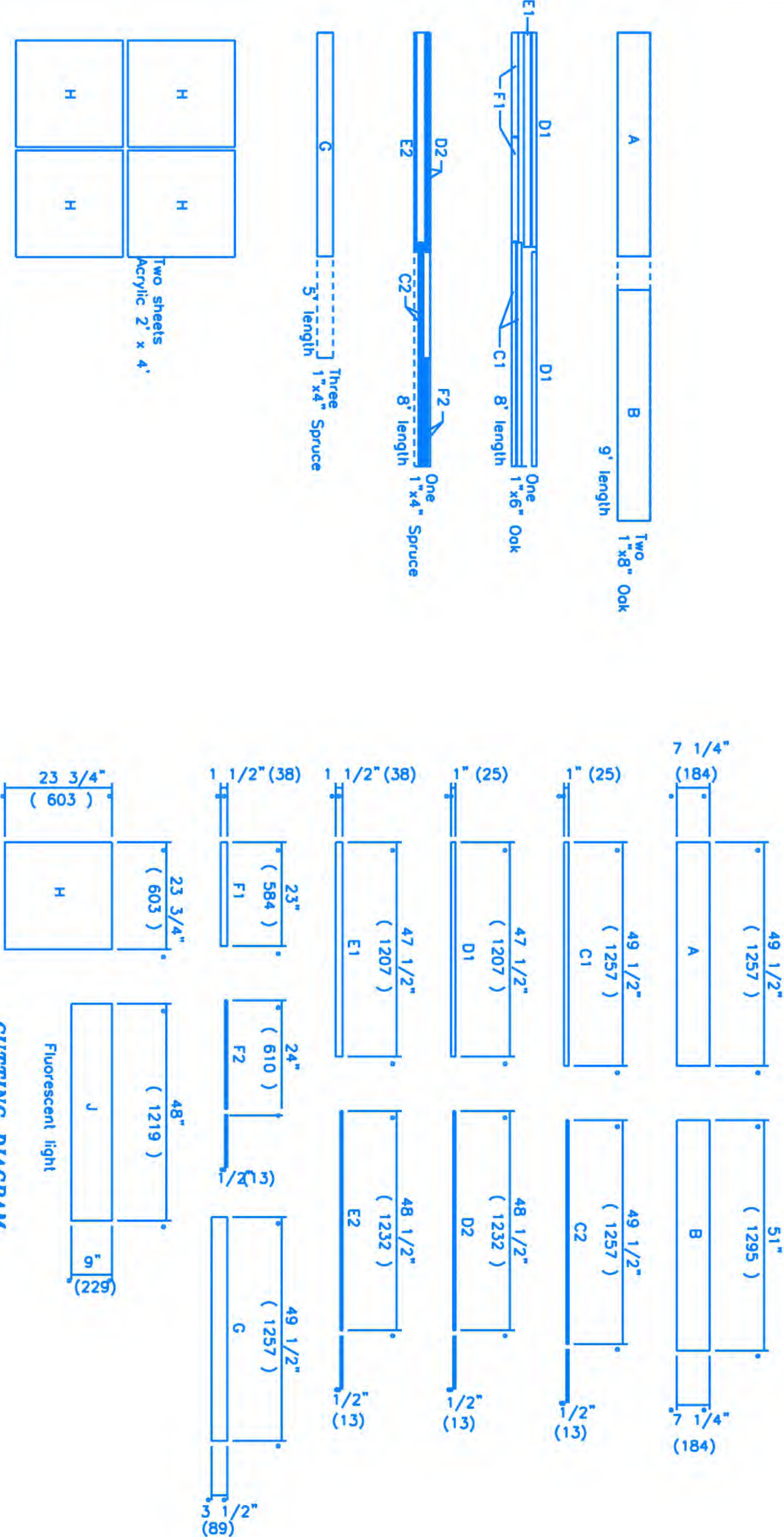
Use only top quality material for this project. We suggest wood to match your decor, oak or mahogany are excellent choices although cedar or fir could be used.

51" X 51" SUNSHINE CEILING



FINISHED PROJECT

SECTION
FIGURE 10



EXPLODED VIEW
FIGURE 9

Note:
51" Ceiling is built the same way as the 75 1/2" ceiling. Merely substitute dimensions from cutting diagram and materials layout

MATERIALS LAYOUT
FIGURE 1

CUTTING DIAGRAM
FIGURE 2

- MATERIALS LIST (51" X 51")
- One 1"x4"x8" (3/4"x3-1/2"x8") softwood
 - Three 1"x4"x5" (3/4"x3-1/2"x5") softwood
 - One 1"x6"x8" (3/4"x5-1/2"x8") hardwood
 - Two 1"x8"x9" (3/4"x7-1/2"x9") hardwood
 - Approx. 1/2 lb. 1" finishing nails
 - Approx. 1/2 lb. 1-1/4" finishing nails
 - Approx. 1/2 lb. 1-1/2" finishing nails
 - Approx. thirty 3/4" #8 flothead screws
 - Approx. ten 1-1/2" #8 flothead screws

- MATERIALS LIST (51" X 51")
- Approx. twenty 3" #8 flothead screws
 - Four 23-3/4"x23-3/4"x1/8" pieces acrylic
 - Stain, oil, varnish or glossy white paint
 - Two 4" fluorescent fixtures
 - Wood filler
 - Sandpaper
 - Carpenter's glue
 - Four eye screws

- TOOLS
- Screwdriver
 - Table Saw
 - Drill
 - 1/16", 1/8", 3/8" bit
 - Square

- TOOLS
- Brushes for finish
 - Pencil
 - Measuring tape
 - Hammer